

AMENDMENTS TO THE CLAIMS:

1. (Currently amended) A wireless telephone that receives data of at least one of an image and characters through a transmitting provider, said wireless telephone comprising:

a detector for detecting the data to be received from the transmitting provider;
a display device which displays a menu for designating at least one of transmitting data and receiving data;

a designating device for designating the data for reception by the wireless telephone from the transmitting provider and for selectively designating an apparatus to which the received data is to be transmitted; and

a wireless communicating device that communicates with the apparatus without the transmitting provider and transmits the data to the apparatus designated by said designating device.

2. (Currently amended) The wireless telephone as set forth in claim 1, wherein said display device displays ~~received~~ information corresponding to the ~~on~~ data of the at least one image and characters through the transmitting provider.

3. (Previously presented) The wireless telephone as set forth in claim 2, wherein said designating device allows the user to designate the data to be received from the information displayed by said display device.

4. (Currently amended) A data transmitting method for a wireless telephone, comprising:

detecting the data to be received from a transmitting provider;
displaying a menu for designating at least one of transmitting data and receiving data;

designating the data for reception by the wireless telephone from the transmitting provider;

receiving the data into the wireless telephone from the transmitting provider, said data comprising at least one of an image and characters;

designating an apparatus to which the received data is to be transmitted; and transmitting the data to the designated apparatus with a wireless communicating device that communicates with the apparatus without the transmitting provider.

5. (Previously presented) The data transmitting method for the wireless telephone as set forth in claim 4, further comprising:

displaying that the telephone has received information on data of the at least one of image and characters through the transmitting provider.

6. (Previously presented) The data transmitting method for the wireless telephone as set forth in claim 5, wherein the displaying comprises allowing a user to designate the data to be received from the transmitting provider.

7. (Previously presented) A data transmission system, comprising:

a wireless telephone that receives data of at least one of an image and characters through a transmitting provider;

a designating device on said wireless telephone for designating the data for reception by the wireless telephone and for selectively designating an apparatus to which the received data is to be transmitted;

a display device on said wireless telephone for displaying information from the received data and displaying a designating address of the apparatus and displaying a menu for designating at least one of transmitting data and receiving data; and

a wireless communicating device that communicates with the apparatus without

the transmitting provider and transmits the data to the apparatus designated by said designating device.

8. (Previously presented) The system of claim 7, wherein said wireless telephone receives and transmits the data without storing the entire data set on the wireless telephone.

9. (Previously presented) The system of claim 7, further comprising:
a second wireless telephone that receives the data from a computer and transmits the data into the wireless telephone through the transmitting provider.

E 10. (Previously presented) The system of claim 9, wherein said second wireless telephone receives the data from a computer server and transmits the data without storing the entire data set on the second wireless telephone.

11. (Previously presented) The system of claim 7, further comprising:
a central processing unit for controlling the telephone and for comparing the size of the data to be received into the wireless telephone with memory capacity of the second telephone to determine if data can be stored on the telephone or must be outputted to an apparatus.

12. (Previously presented) The system of claim 11, wherein said central processing unit compares the size of the data to be received with memory capacity of the wireless telephone to determine if data can be stored on the telephone or must be outputted to the apparatus.

13. (Currently amended) The system of claim 7, wherein said display includes a menu comprising ~~having~~ selections for a receive mode for indicating that data has

been received, a transmit image mode for transmitting an image from the wireless telephone ~~second phone~~ to an apparatus, a receive mail mode for receiving characters, and a transmit mail mode for transmitting characters.

14. (Currently amended) The system of claim 7, wherein said menu comprises selections for a receive mode for indicating that data has been received, a transmit image mode for transmitting an image from the wireless telephone ~~second phone~~ to an apparatus, a receive mail mode for receiving characters, and a transmit mail mode for transmitting characters.

E 15. (Previously presented) A method for transmitting data over a transmitting provider, comprising:

transmitting data from a first wireless telephone to a second wireless telephone through a transmitting provider;

detecting, on the second wireless telephone, the data to be received from the first wireless telephone;

displaying information from the detected data on a display on the second wireless telephone and displaying a menu for designating at least one of transmitting data and receiving data;

designating the data for reception by the second wireless telephone;

receiving the data into the second wireless telephone;

designating an apparatus to which the received data is to be transmitted from the second wireless telephone; and

transmitting the designated data to the designated apparatus without the transmitting provider through a wireless connection device installed on the second wireless telephone.

16. (Previously presented) The method of claim 15, wherein said receiving and

transmitting said data with the second wireless telephone comprises receiving and transmitting a data file on the second wireless telephone without storing the entire data set on the second wireless telephone.

17. (Previously presented) The method of claim 15, wherein said displaying information from the received data on a display comprises displaying a received data file as one of an index image, a title, and a file name.

E 18. (Currently amended) The method of claim 15, wherein displaying information from the detected data on a display includes displaying a menu including having selections for a receive mode for indicating that data has been received, a transmit image mode for transmitting an image from the second phone to an apparatus, a receive mail mode for receiving characters, and a transmit mail mode for transmitting characters.

19. (Previously presented) The method of claim 15, further comprising:
comparing the size of the data to be received into the second wireless telephone with memory capacity of the second telephone to determine if data can be stored on the telephone or must be outputted to an apparatus.

20. (Previously presented) The method of claim 15, wherein said transmitting the designated data to the designated apparatus through a wireless connection device includes designating addresses of apparatuses to which the data is to be transmitted.

21. (Previously presented) A wireless telephone, comprising:
a first wireless communication device for receiving data;
a first transmitting and receiving circuit coupled to said first wireless communication device;

a transmitting and receiving buffer coupled to said first transmitting and receiving circuit for temporarily storing said data;

a second transmitting and receiving circuit coupled to said transmitting and receiving buffer; and

a second wireless communication device coupled to said second transmitting and receiving circuit for transmitting the data to a designated apparatus without a transmitting provider.

22. (Previously presented) The wireless telephone as set forth in claim 21, further comprising:

E a display device that displays a menu for designating the data for reception by the wireless telephone and displays received information on data of at least one of images and characters through the transmitting provider.

23. (Previously presented) The wireless telephone as set forth in claim 22, further comprising:

a designating device for designating the data for reception by the wireless telephone from the transmitting provider, and for selectively designating an apparatus to which the received data is to be transmitted.

24. (Previously presented) The wireless telephone as set forth in claim 22, wherein said display device displays the received information, and said designating device allows the user to designate the data to be received from the information displayed by said display device.

25. (Previously presented) A data transmitting method for a wireless telephone, comprising:

receiving data via a first wireless communication device;

temporarily storing said data in a transmitting and receiving buffer; and
transmitting said data to said designated apparatus without a transmitting
provider via a second wireless communication device.

26. (Previously presented) The data transmitting method for the wireless telephone
as set forth in claim 25, further comprising:

displaying that the telephone has received information on data of the at least
one of image and characters through the transmitting provider and displaying a menu
for designating the data for reception by the wireless telephone.

E 27. (Previously presented) The data transmitting method for the wireless telephone
as set forth in claim 26, wherein the displaying comprises allowing a user to designate
the data to be received from the transmitting provider.

28. (Currently amended) The data transmitting method for the wireless telephone
as set forth in claim 25, further comprising:

designating the data for reception by the wireless telephone from the
transmitting provider and designating an apparatus to which the received data is to be
transmitted; ~~and~~

29. (Previously presented) A data transmission system, comprising:
at least one wireless telephone, comprising:

a first wireless communication device for receiving data;
a first transmitting and receiving circuit coupled to said first wireless
communication device;
a transmitting and receiving buffer coupled to said first transmitting and
receiving circuit for temporarily storing said data;

a second transmitting and receiving circuit coupled to said transmitting and receiving buffer; and

a second wireless communication device coupled to said second transmitting and receiving circuit for transmitting the data to a designated apparatus without a transmitting provider.

30. (Previously presented) The system of claim 29, wherein said wireless telephone receives and transmits the data without storing the entire data set on the wireless telephone.

E 31. (Previously presented) The system of claim 29, further comprising:
a second wireless telephone that receives the data from a computer and transmits the data into the wireless telephone through the transmitting provider.

32. (Previously presented) The system of claim 31, wherein said second wireless telephone receives the data from a computer server and transmits the data without storing the entire data set on the second wireless telephone.

33. (Currently amended) The system of claim 29, wherein said at least one wireless telephone further comprises a central processing unit for controlling the telephone and for comparing the size of the data to be received into the wireless telephone with memory capacity of the wireless ~~second~~ telephone to determine if data can be stored on the telephone or must be outputted to an apparatus.

34. (Previously presented) The system of claim 33, wherein said central processing unit compares the size of the data to be received with memory capacity of the wireless telephone to determine if data can be stored on the telephone or must be outputted to the apparatus.

35. (Previously presented) The system of claim 29, wherein said wireless telephone further comprises a display device for displaying a menu for designating the data for reception by the wireless telephone and displays received information on data of at least one of images and characters through the transmitting provider.

36. (Currently amended) The system of claim 35, wherein said menu comprises selections for a receive mode for indicating that data has been received, a transmit image mode for transmitting an image from the wireless telephone ~~second phone~~ to an apparatus, a receive mail mode for receiving characters, and a transmit mail mode for transmitting characters.

E 37. (Previously presented) A wireless telephone, comprising:

- a detector for detecting data received from a transmitting provider;
- a central processing unit which compares a size of the data to be received with a memory capacity of said wireless telephone to determine if said data can be stored on said telephone;
- a designating device for designating the data for reception by the wireless telephone from the transmitting provider and for selectively designating an apparatus to which the received data is to be transmitted; and
- a wireless communicating device that communicates with the apparatus without the transmitting provider and transmits the data to the apparatus designated by said designating device.

38. (Previously presented) The wireless telephone as set forth in claim 37, further comprising:

- a display device that displays a menu for designating the data for reception by the wireless telephone and displays received information on data of at least one of

images and characters through the transmitting provider.

39. (Previously presented) The wireless telephone as set forth in claim 38, wherein said display device displays the received information, and said designating device allows the user to designate the data to be received from the information displayed by said display device.

40. (Previously presented) A data transmitting method for a wireless telephone, comprising:

detecting data received from a transmitting provider;

comparing a size of the data to be received with a memory capacity of said wireless telephone to determine if said data can be stored on said telephone;

designating the data for reception by the wireless telephone from the transmitting provider and for selectively designating an apparatus to which the received data is to be transmitted; and

transmitting the data to a designated apparatus without a transmitting provider.

41. (Previously presented) The data transmitting method for the wireless telephone as set forth in claim 40, further comprising:

displaying that the telephone has received information on data of the at least one of image and characters through the transmitting provider and displaying a menu for designating the data for reception by the wireless telephone.

42. (Previously presented) The data transmitting method for the wireless telephone as set forth in claim 40, wherein said displaying comprises allowing a user to designate the data to be received from the transmitting provider.

43. (Previously presented) A data transmission system, comprising:

at least one wireless telephone, comprising:

a detector for detecting data received from a transmitting provider;

a central processing unit which compares a size of the data to be received with a memory capacity of said wireless telephone to determine if said data can be stored on said telephone;

a designating device for designating the data for reception by the wireless telephone from the transmitting provider and for selectively designating an apparatus to which the received data is to be transmitted; and

a wireless communicating device that communicates with the apparatus without the transmitting provider and transmits the data to the apparatus designated by said designating device.

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44. (Previously presented) The system of claim 43, wherein said wireless telephone receives and transmits the data without storing the entire data set on the wireless telephone.

45. (Previously presented) The system of claim 43, further comprising:
a second wireless telephone that receives the data from a computer and transmits the data into the wireless telephone through the transmitting provider.

46. (Previously presented) The system of claim 45, wherein said second wireless telephone receives the data from a computer server and transmits the data without storing the entire data set on the second wireless telephone.

47. (Previously presented) The system of claim 43, wherein said wireless telephone further comprises a display device for displaying a menu for designating the data for reception by the wireless telephone and displays received information on data of at least one of images and characters through the transmitting provider.

48. (Currently amended) The system of claim 47, wherein said menu comprises selections for a receive mode for indicating that data has been received, a transmit image mode for transmitting an image from the wireless telephone ~~second phone~~ to an apparatus, a receive mail mode for receiving characters, and a transmit mail mode for transmitting characters.

49. (New) The system of claim 7, wherein said display includes a menu comprising selections for at least one of a transmit image mode for transmitting an image from the wireless telephone to an apparatus, a receive mail mode for receiving characters, and a transmit mail mode for transmitting characters.

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50. (New) The system of claim 7, wherein said menu comprises selections for at least one of a transmit image mode for transmitting an image from the wireless telephone to an apparatus, a receive mail mode for receiving characters, and a transmit mail mode for transmitting characters.

51. (New) The method of claim 15, wherein said receiving and transmitting said data with the second wireless telephone comprises at least one of receiving and transmitting a data file on the second wireless telephone without storing the entire data set on the second wireless telephone.

52. (New) The method of claim 15, wherein displaying information from the detected data on a display comprises at least one of displaying a menu including selections for a transmit image mode for transmitting an image from the second phone to an apparatus, a receive mail mode for receiving characters, and a transmit mail mode for transmitting characters.

53. (New) The system of claim 31, wherein said second wireless telephone transmits the data without storing the entire data set on the second wireless telephone.

54. (New) The system of claim 35, wherein said menu comprises selections for at least one of a transmit image mode for transmitting an image from the wireless telephone to an apparatus, a receive mail mode for receiving characters, and a transmit mail mode for transmitting characters.

E 55. (New) The system of claim 43, wherein said wireless telephone at least one of receives and transmits the data without storing the entire data set on the wireless telephone.

56. (New) The system of claim 45, wherein said second wireless telephone transmits the data without storing the entire data set on the second wireless telephone.

57. (New) The system of claim 47, wherein said menu comprises selections for at least one of a transmit image mode for transmitting an image from the wireless telephone to an apparatus, a receive mail mode for receiving characters, and a transmit mail mode for transmitting characters.
